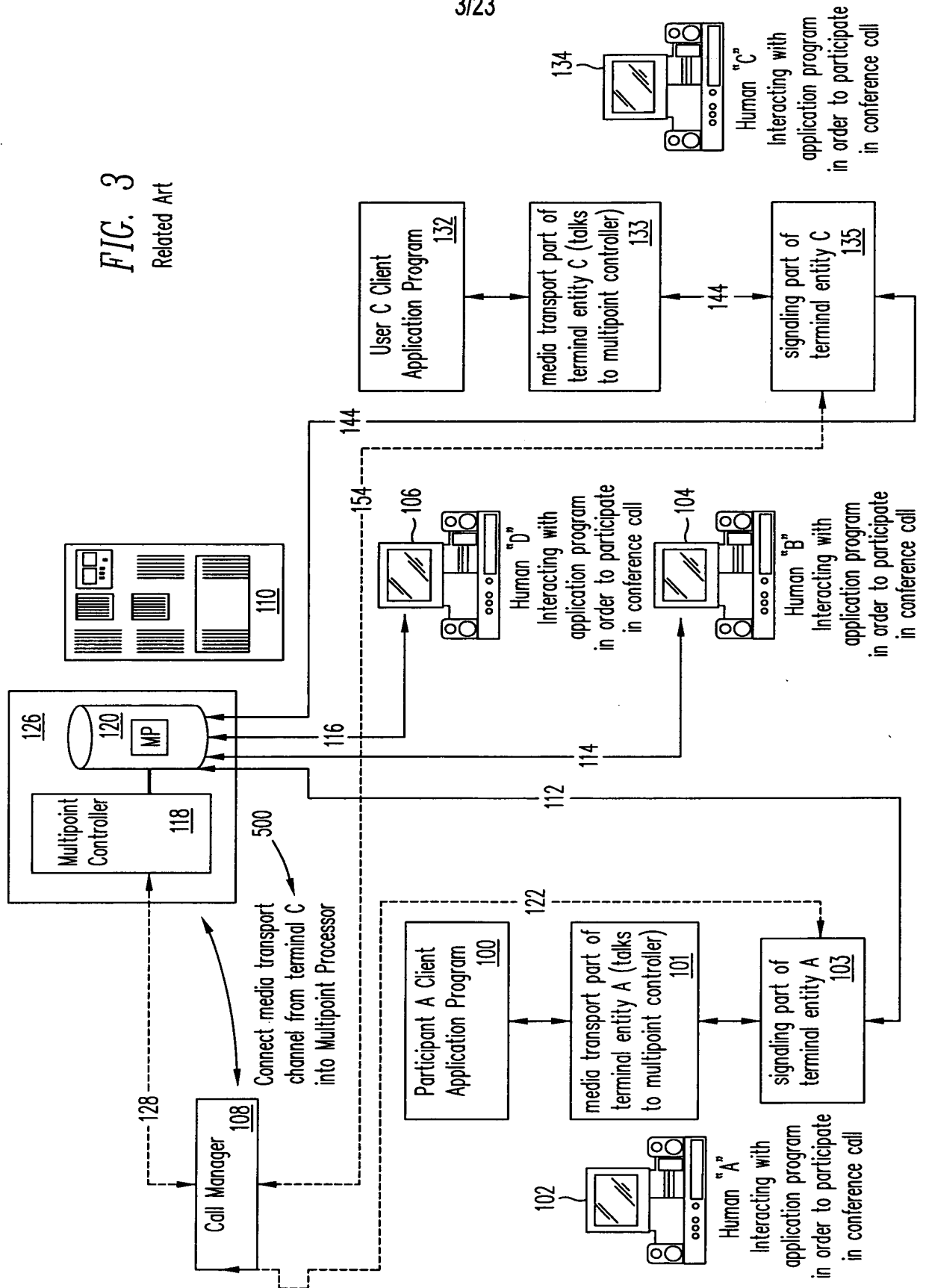
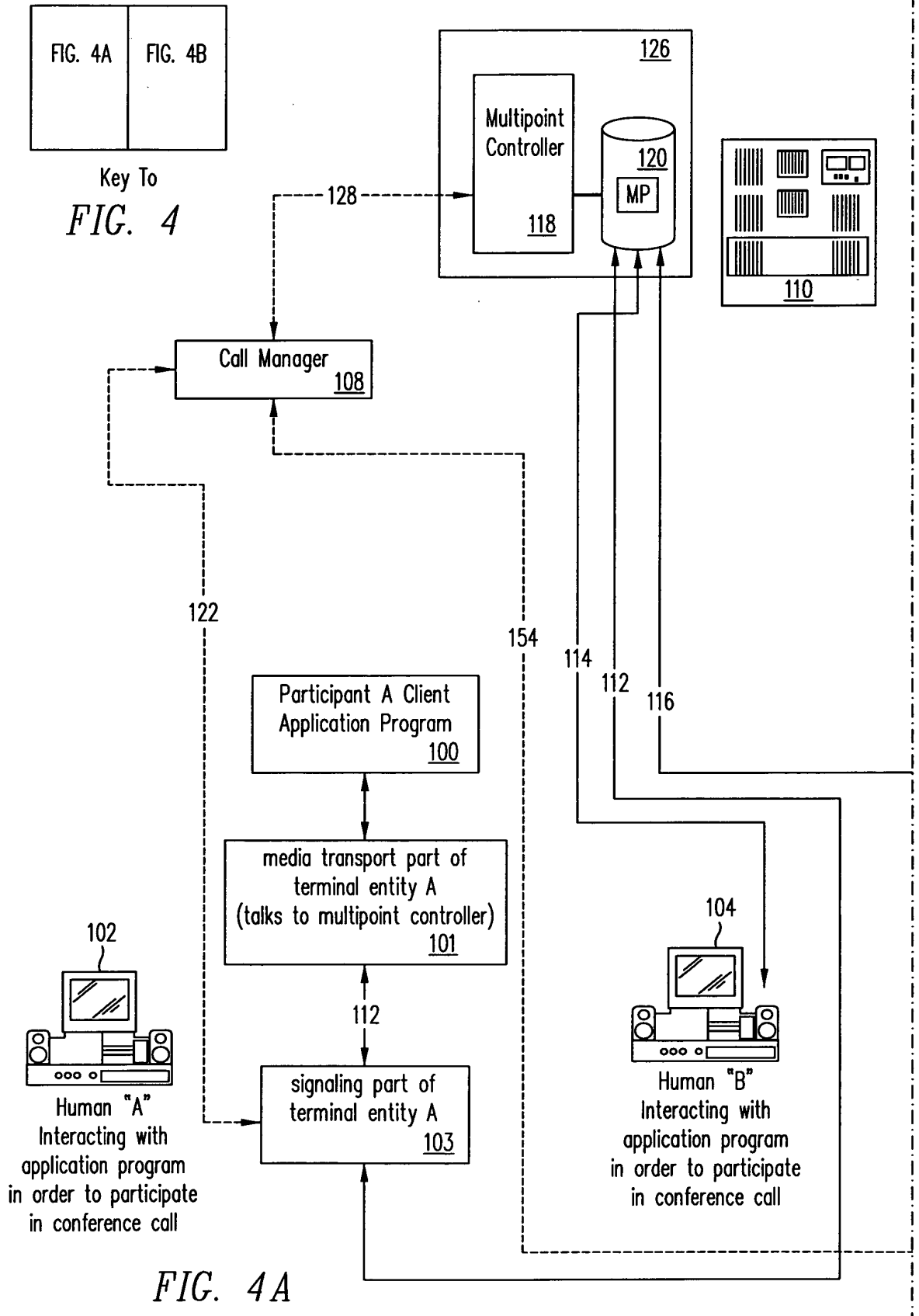


3/23

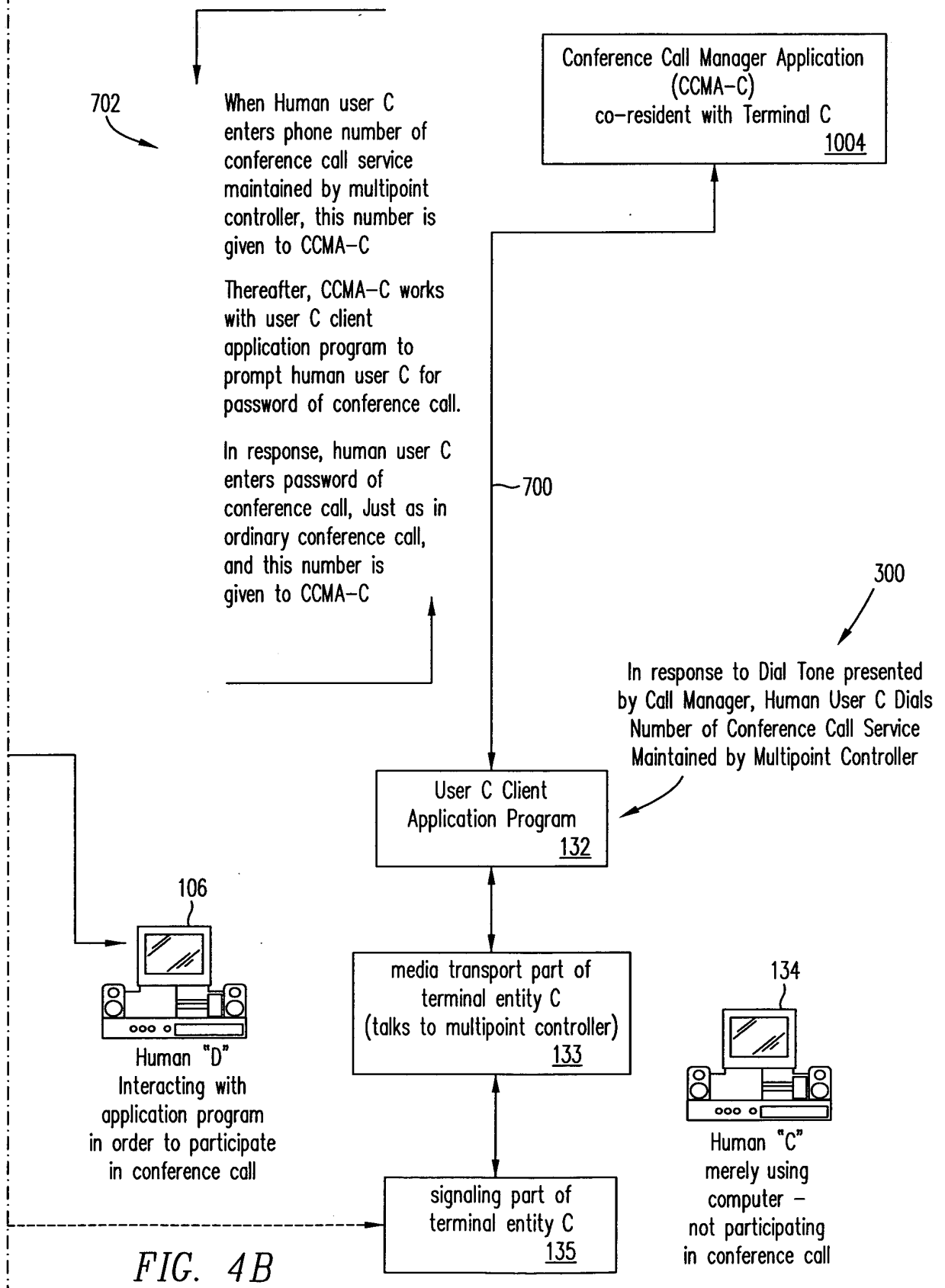
FIG. 3
 Related Art



4/23



5/23



6/23

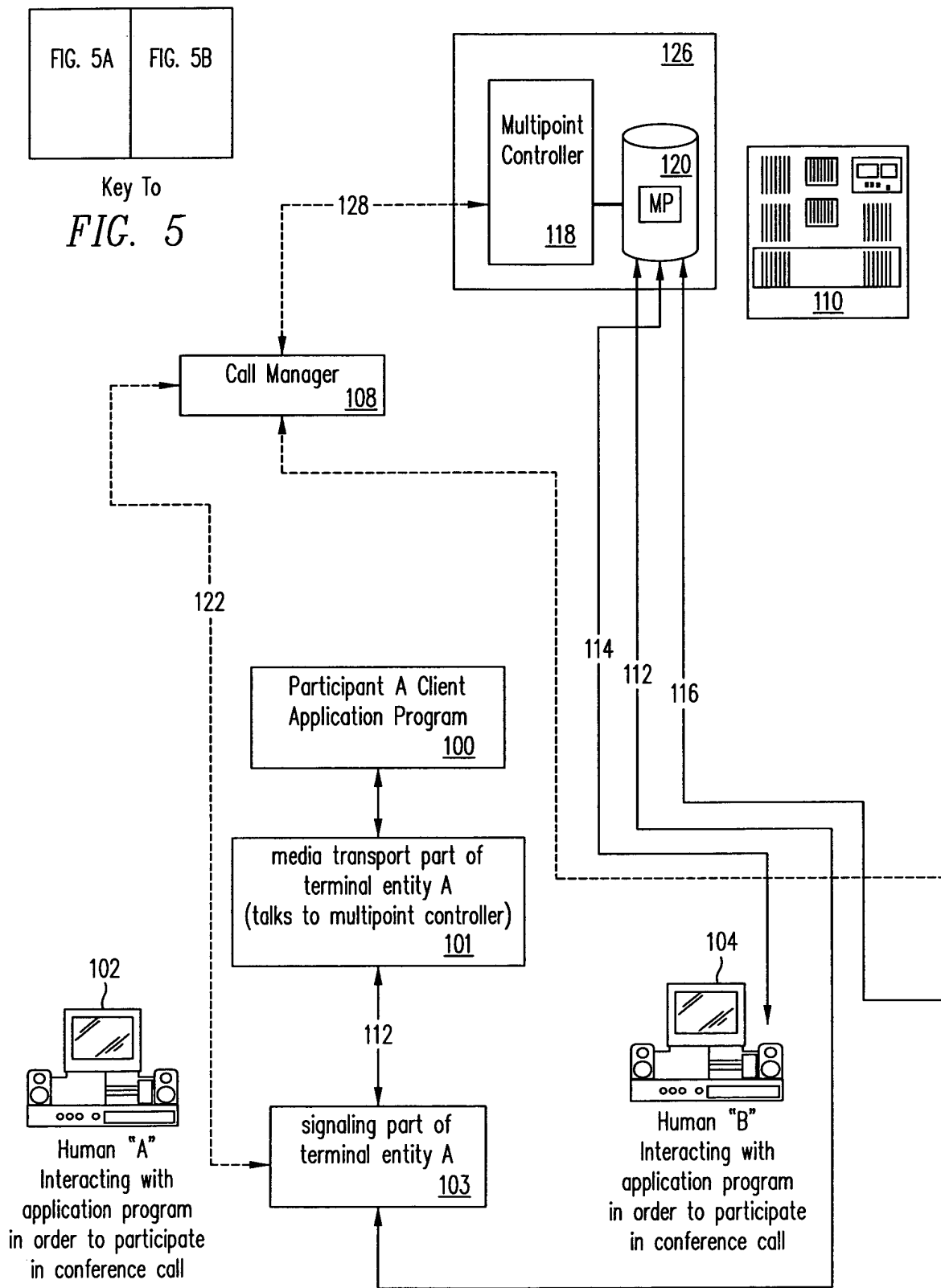


FIG. 5A

7/23

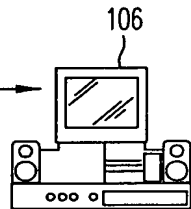
one or more essentially free (i.e., very low cost) potential network connections
having properties insufficient to serve as Media Transport Channels
(e.g., connections established utilizing Internet Protocol WANs such as the Internet)
to which CCMA-C program is always "listening"

902
directory to associate connection addresses
(e.g., telephone numbers) of conferencing service(s) with
non-media-transport-channel-supporting connection
addresses (e.g., different type protocol network addresses)
of a computer having the conferencing service(s)
(e.g., resolve telephone number of conferencing service
maintained by the multipoint controller to the
IP address of computer 110 housing multipoint controller)

Subsequent to CCMA-C receiving connection address
(e.g., telephone number) for the conference service maintained
by the multipoint controller from terminal C, associate
received connection address (e.g., telephone number) with
a corresponding non-media-transport-channel-supporting
connection address on an essentially free network (e.g., IP address)

Conference Call Manager Application
(CCMA-C)
co-resident with Terminal C
1004

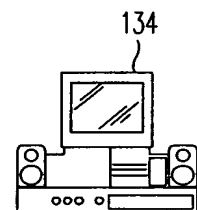
User C Client
Application Program
132



Human "D"
Interacting with
application program
in order to participate
in conference call

media transport part of
terminal entity C
(talks to multipoint controller)
133

signaling part of
terminal entity C
135



Human "C"
merely using
computer -
not participating
in conference call

FIG. 5B

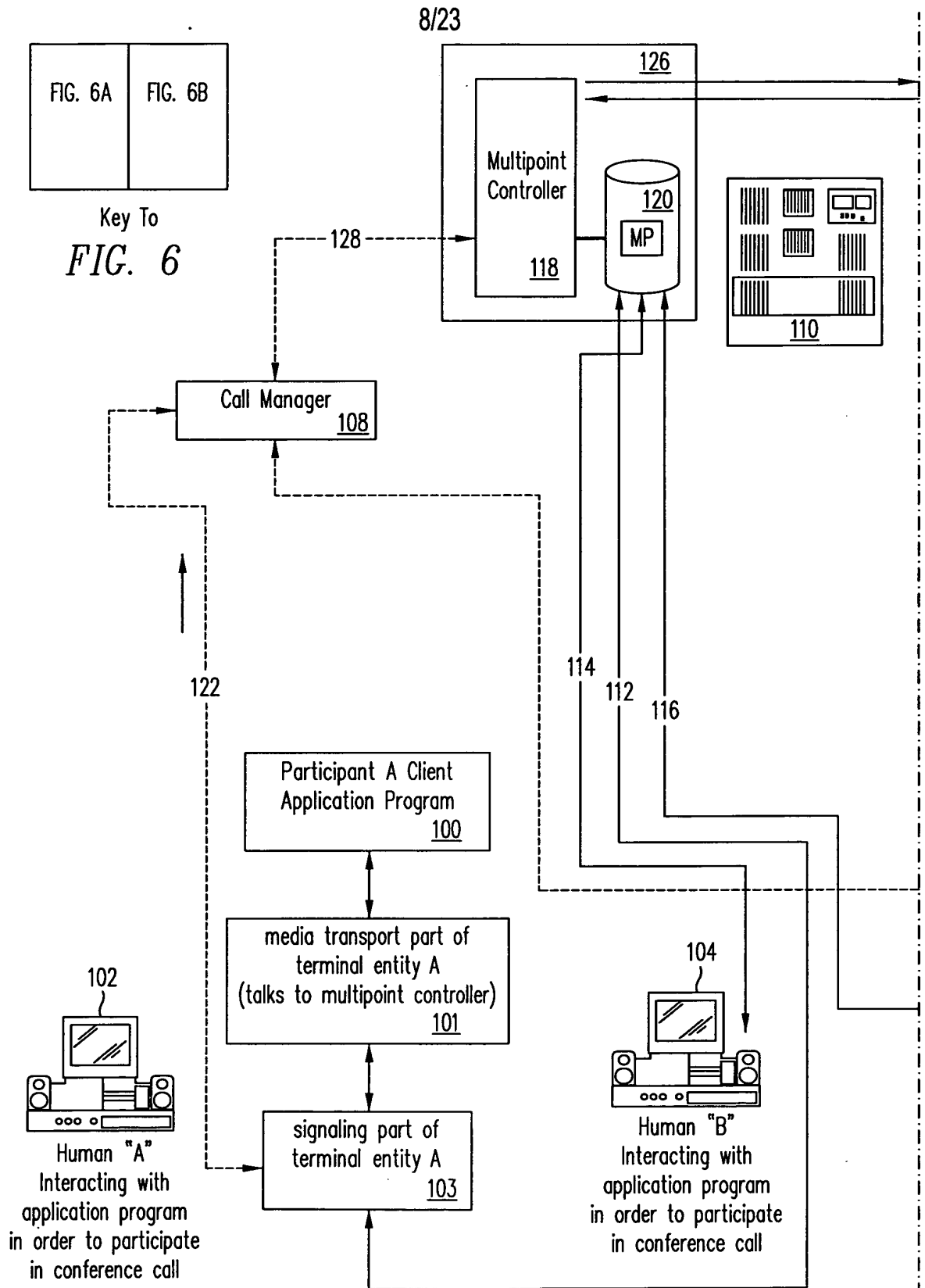
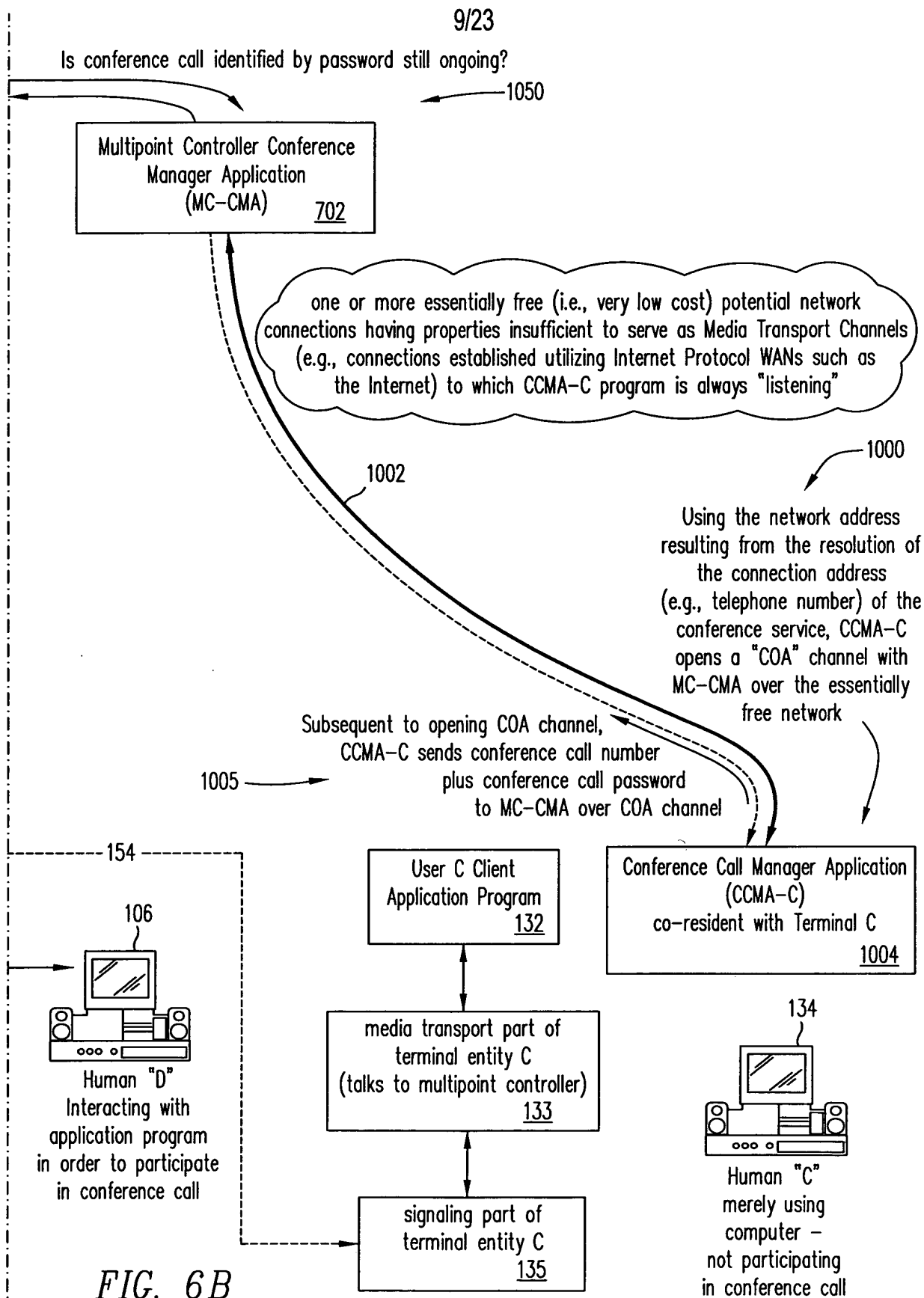
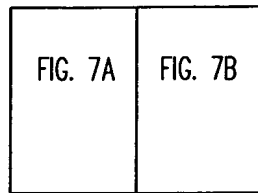


FIG. 6A



10/23



Key To
FIG. 7

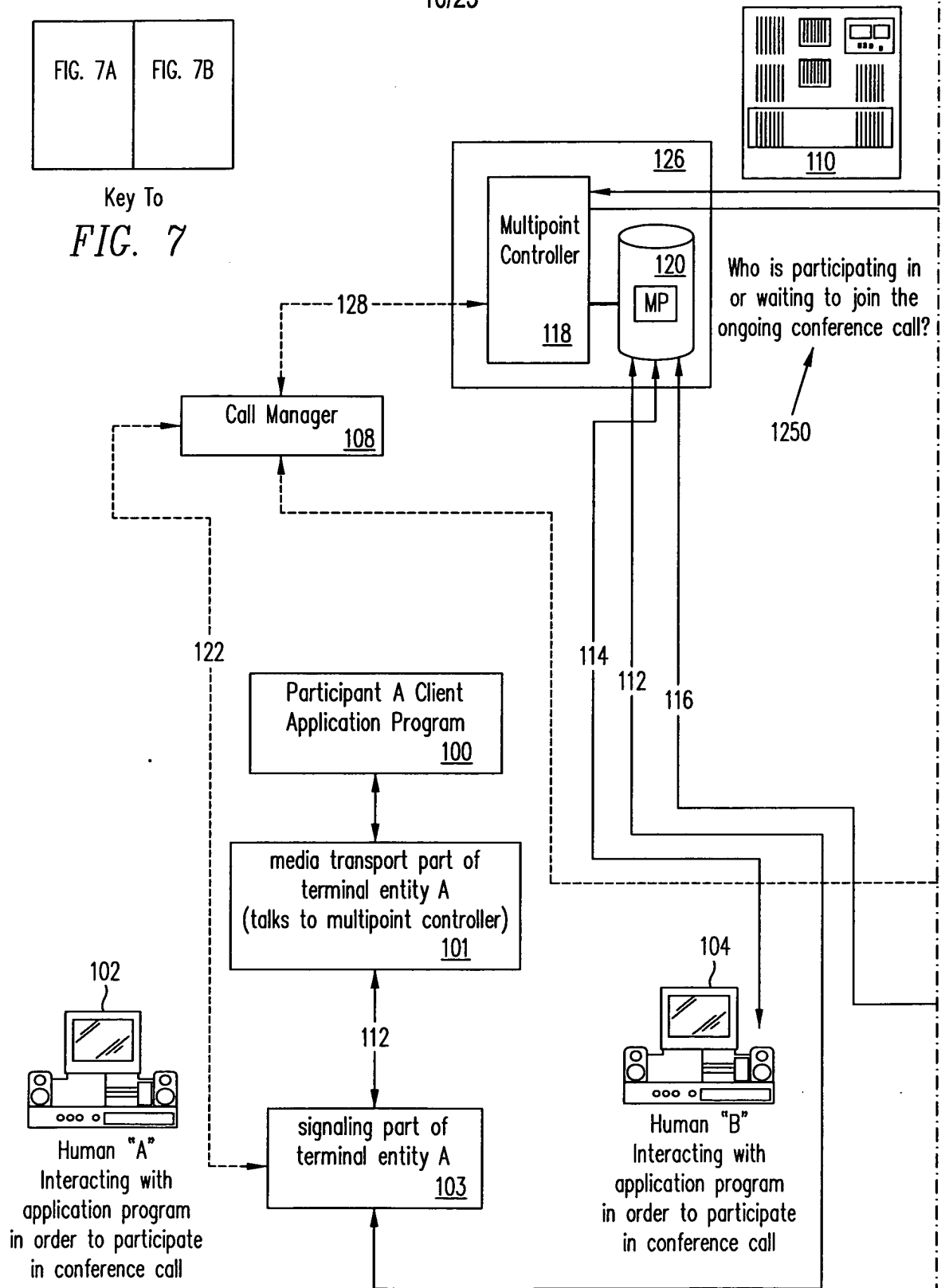
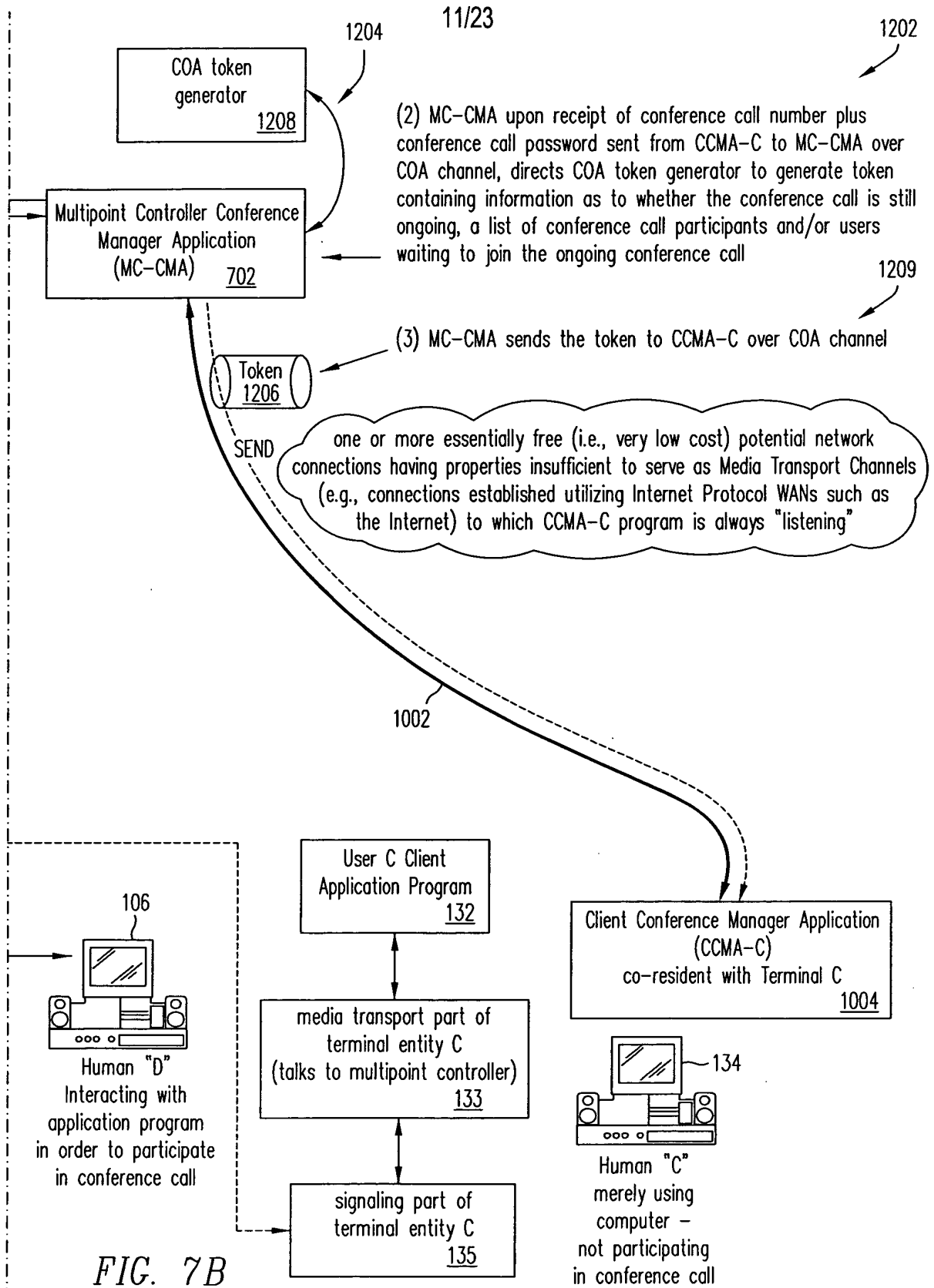
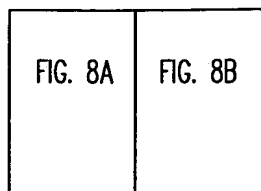


FIG. 7A



12/23



Key To
FIG. 8

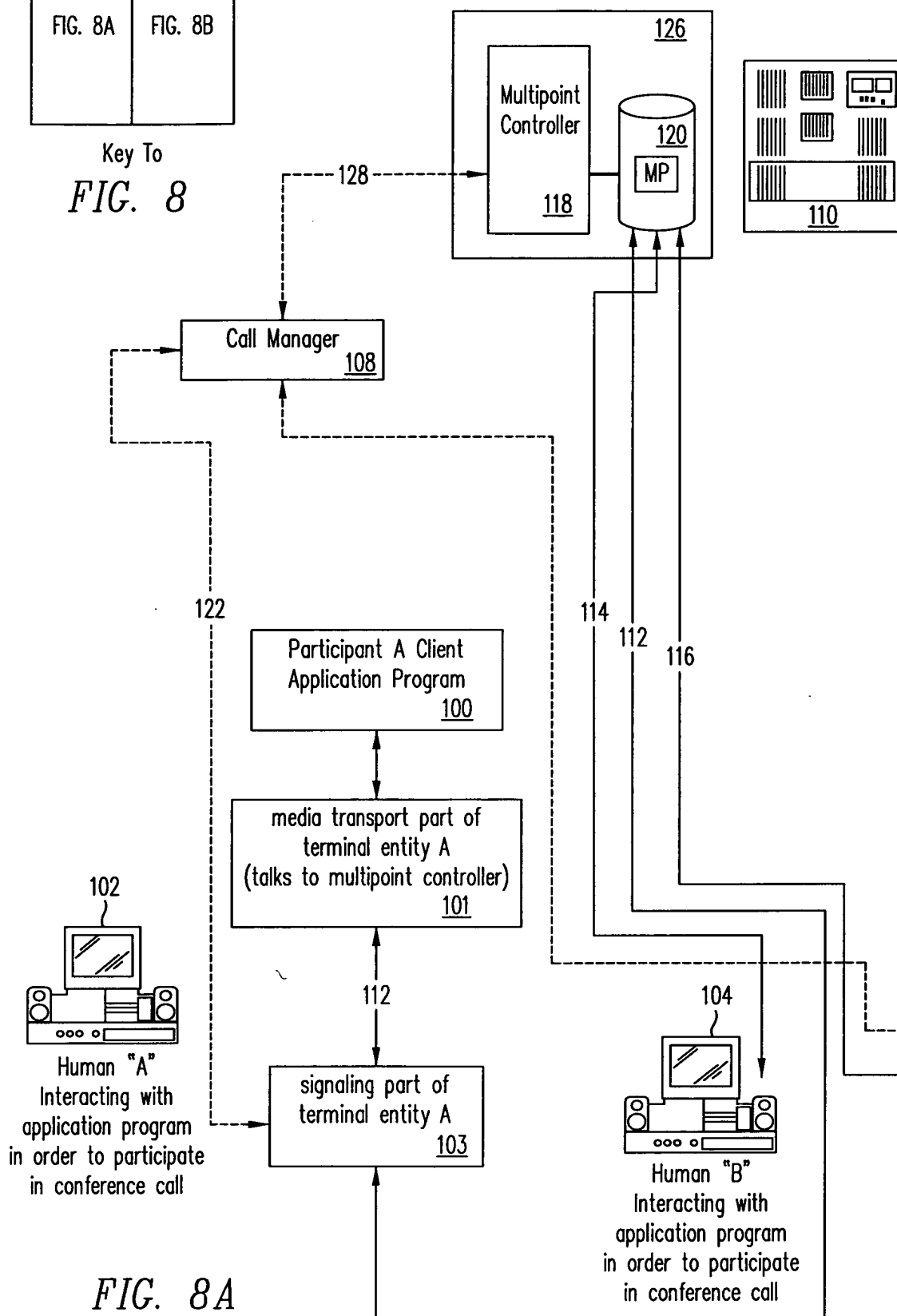
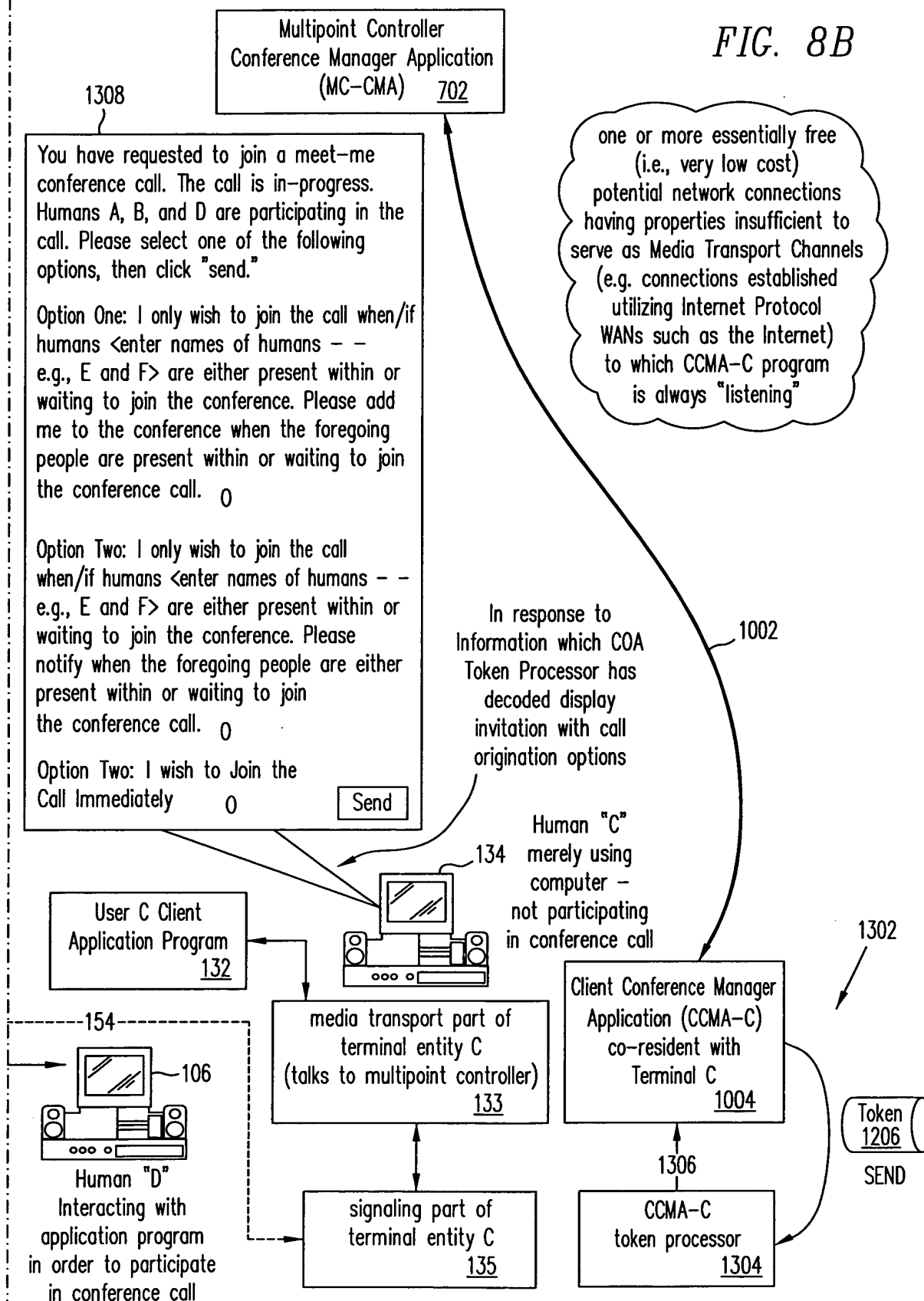


FIG. 8A

13/23

FIG. 8B



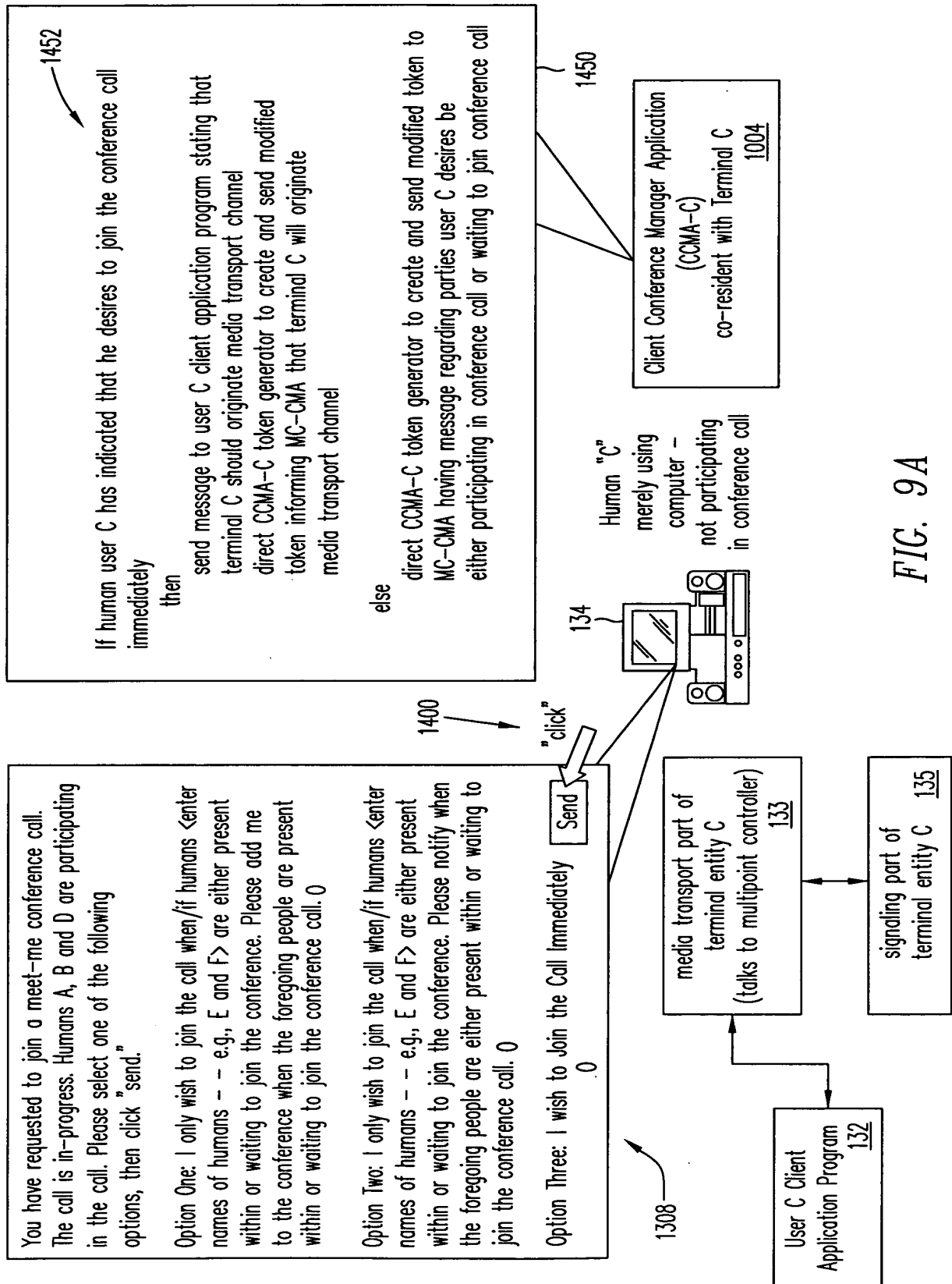
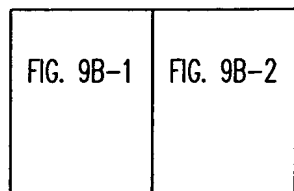


FIG. 9A

15/23



Key To
FIG. 9B

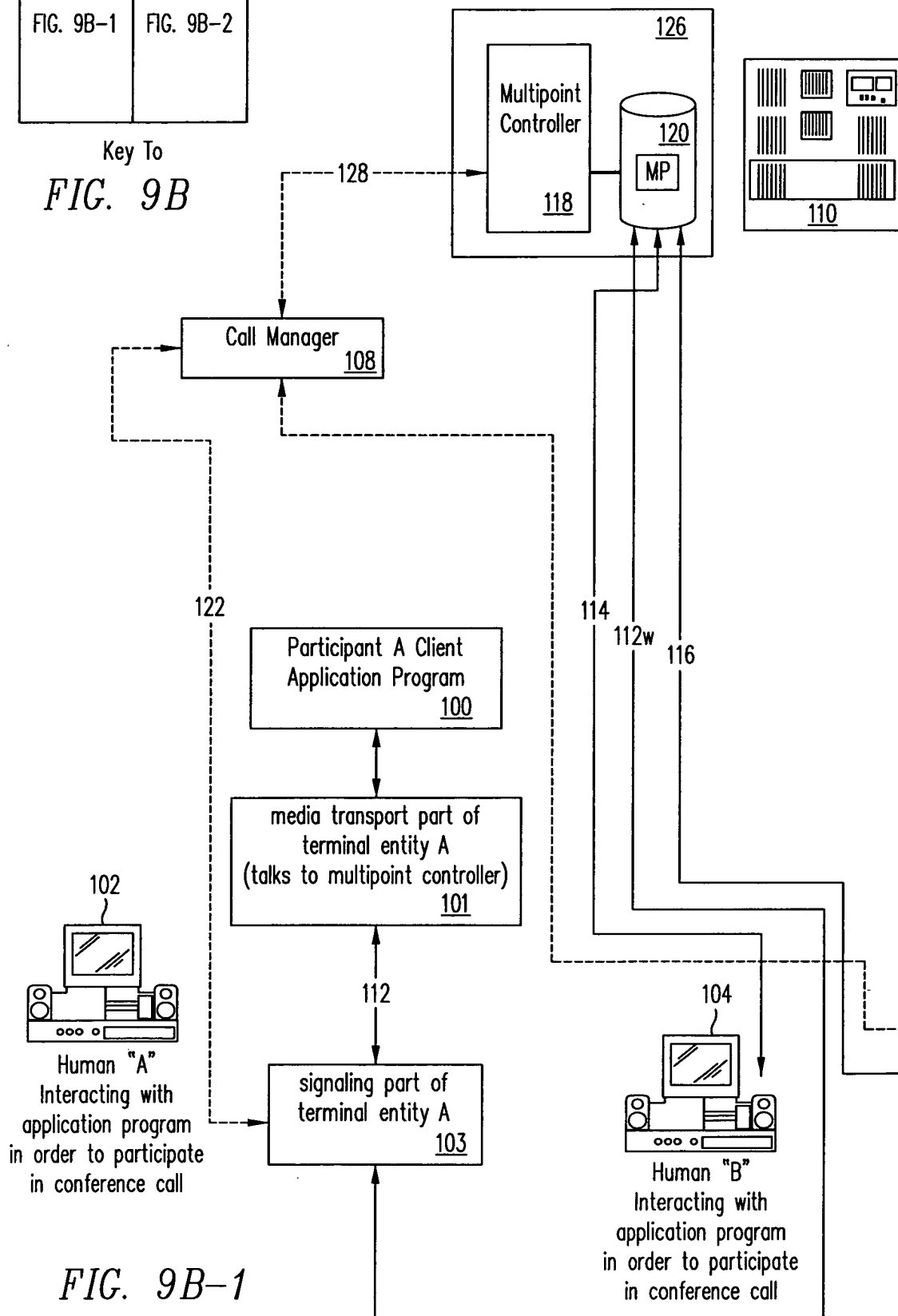
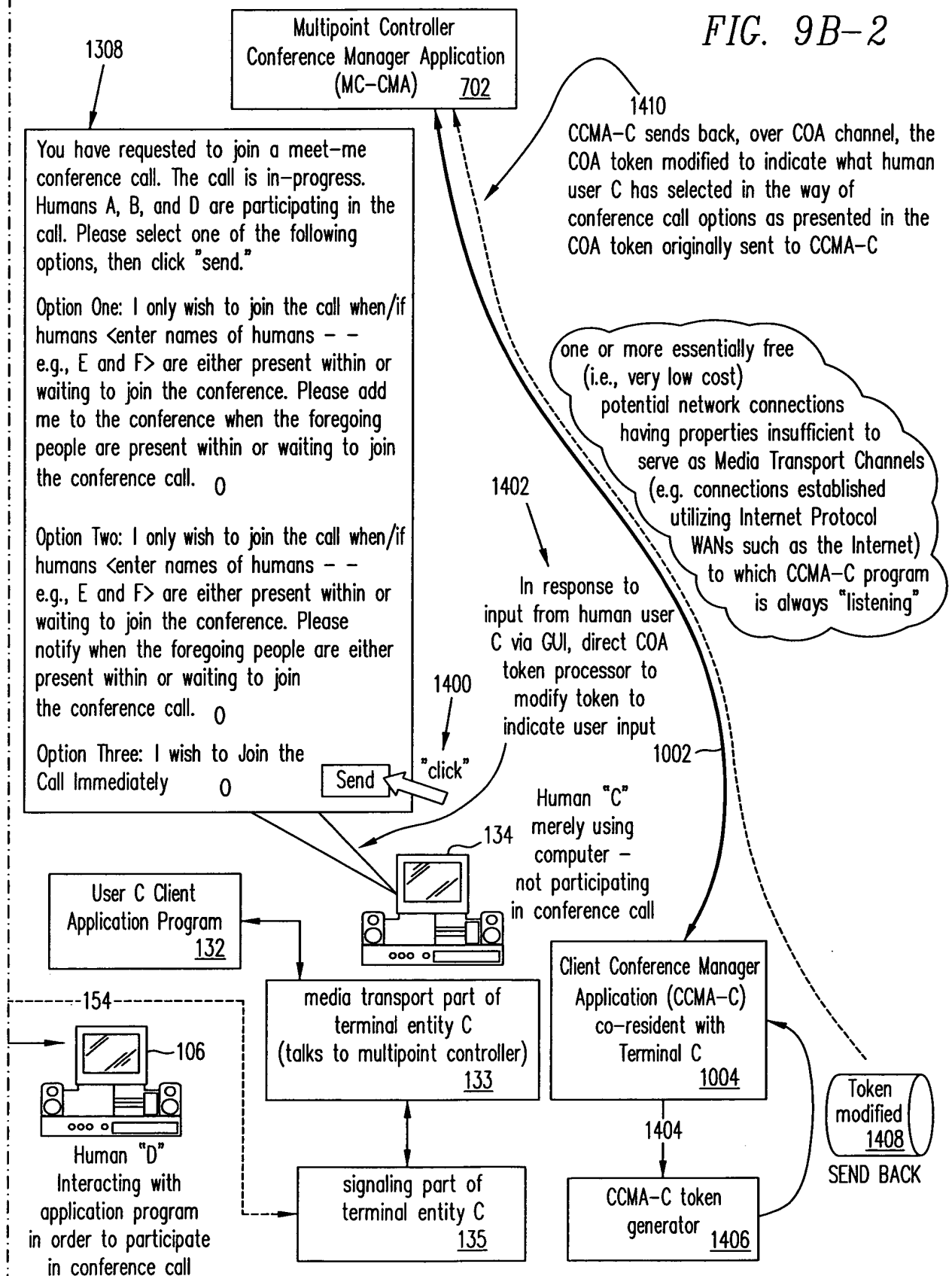


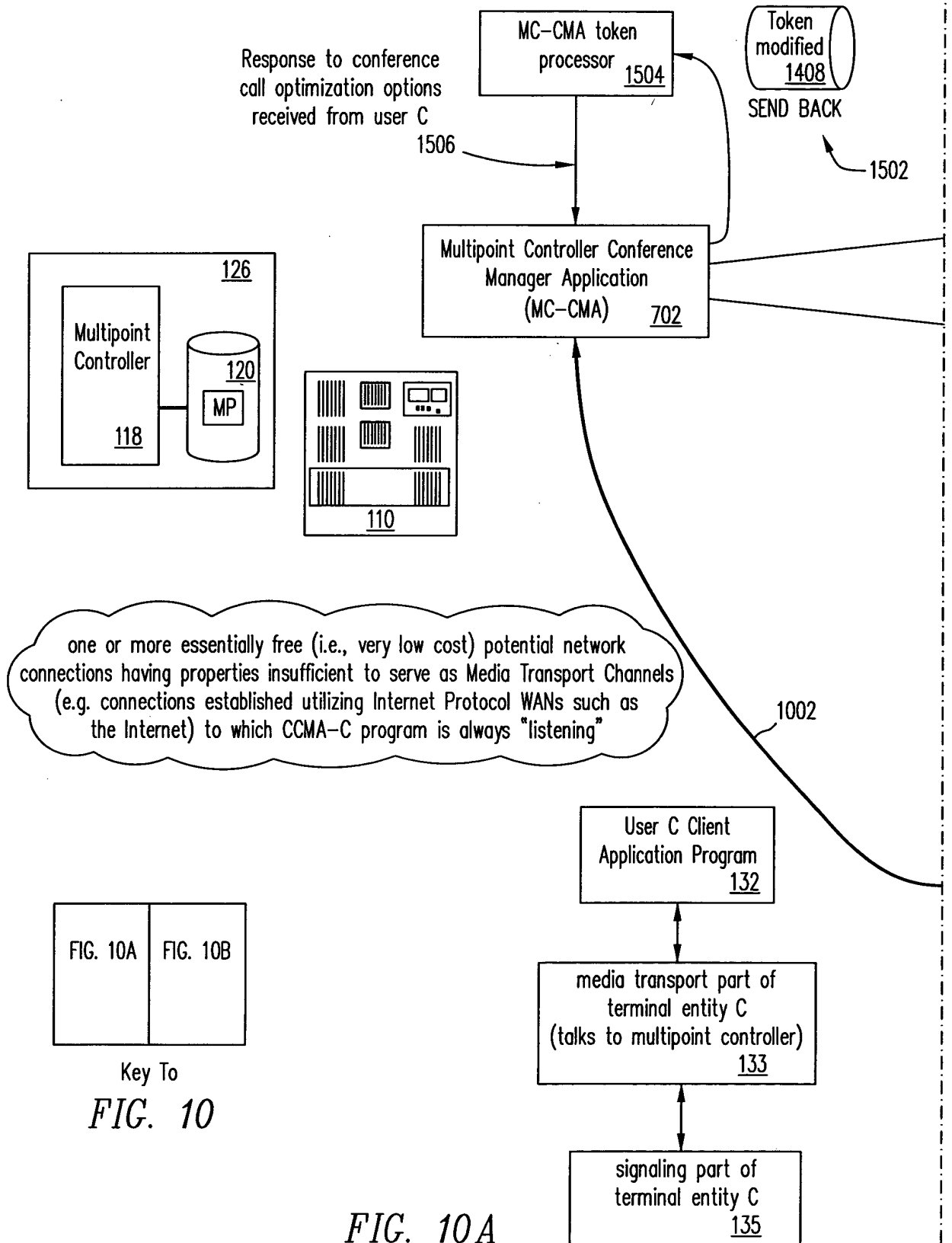
FIG. 9B-1

16/23

FIG. 9B-2



17/23



18/23

1548

If modified token contains message that user C desires the presence of certain person(s),

1552

then

MC-CMA communicates with multipoint controller to monitor conference call participants or parties waiting to join the conference call

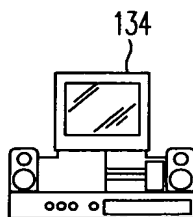
1554

If participants identified by human user C as critical have either entered or are waiting to enter conference call

1556

then

direct MC-token generator to generate and send message, over COA channel, to CCMA-C that desired parties are present and that terminal C should originate media transport channel



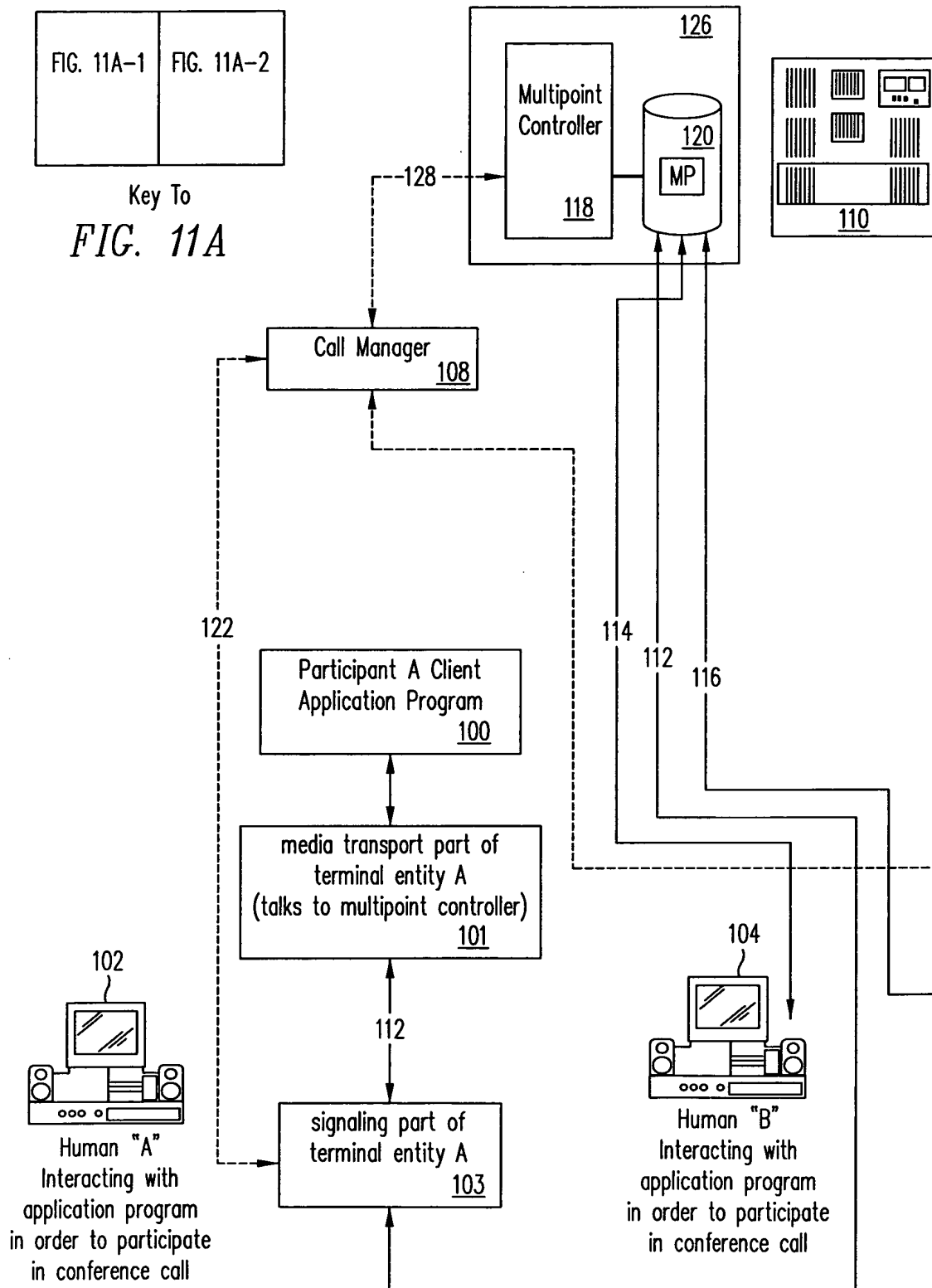
Human "C"
merely using
computer -
not participating
in conference call

Client Conference Manager Application
(CCMA-C)
co-resident with Terminal C

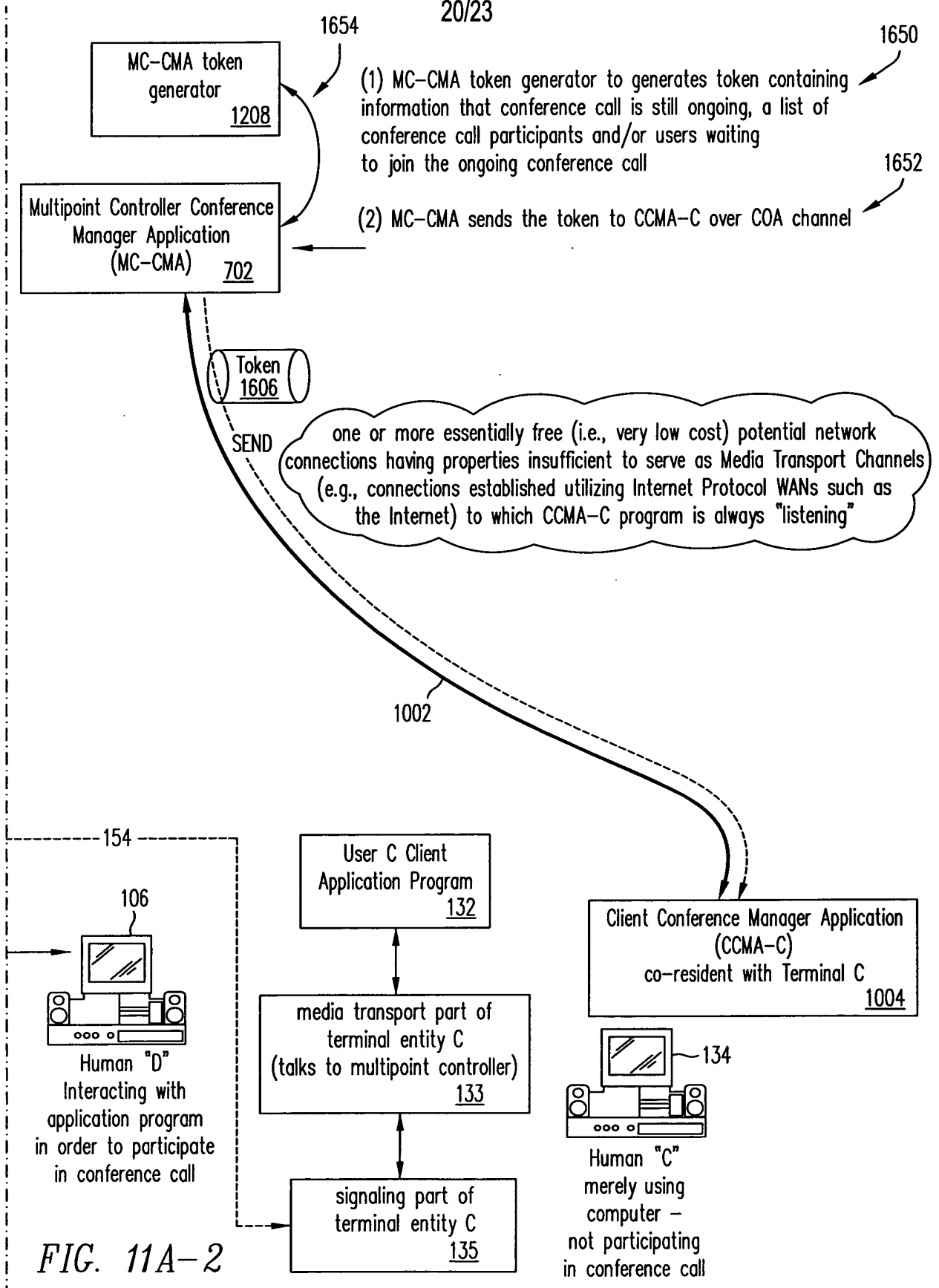
1004

FIG. 10B

19/23



20/23



21/23

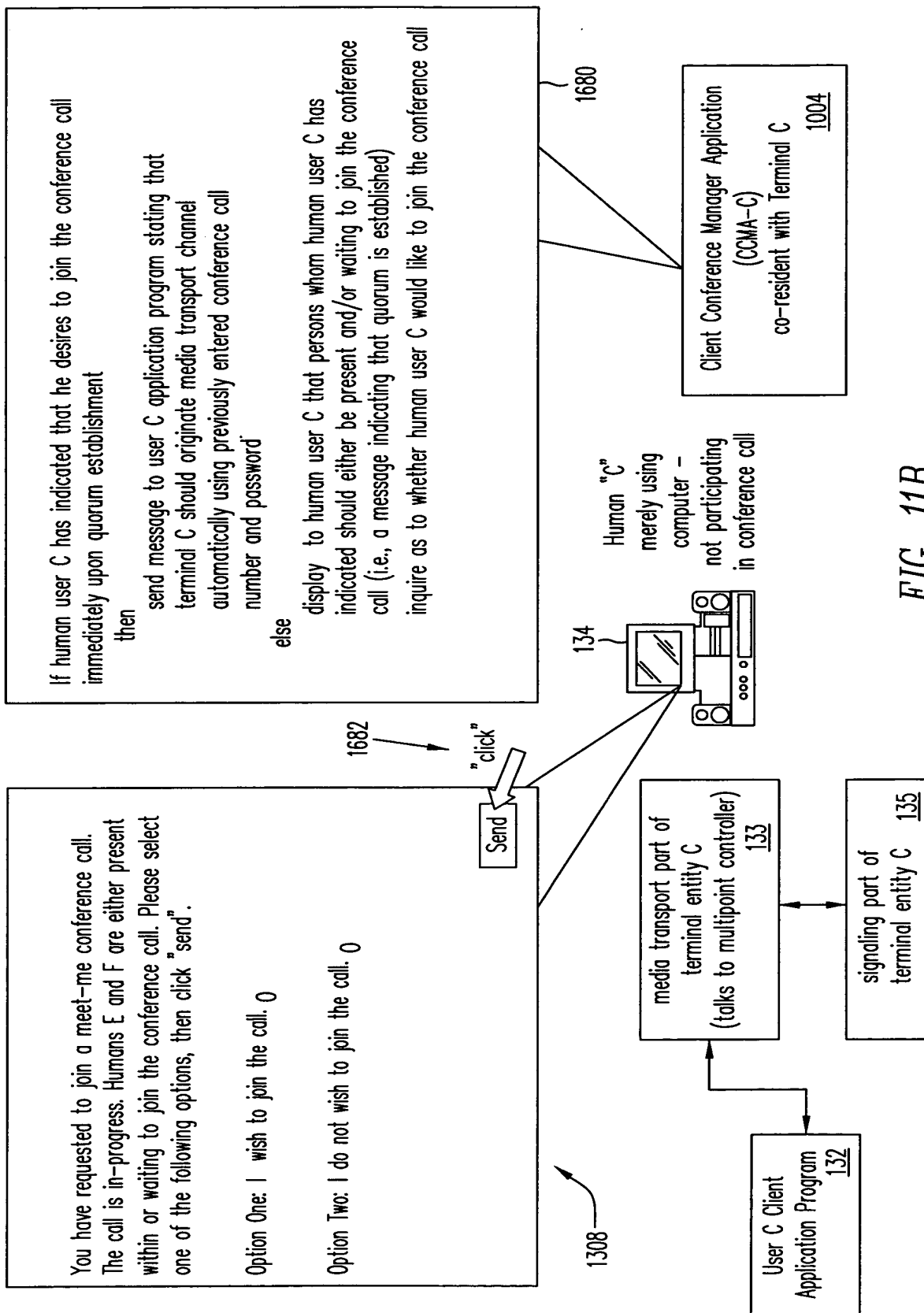
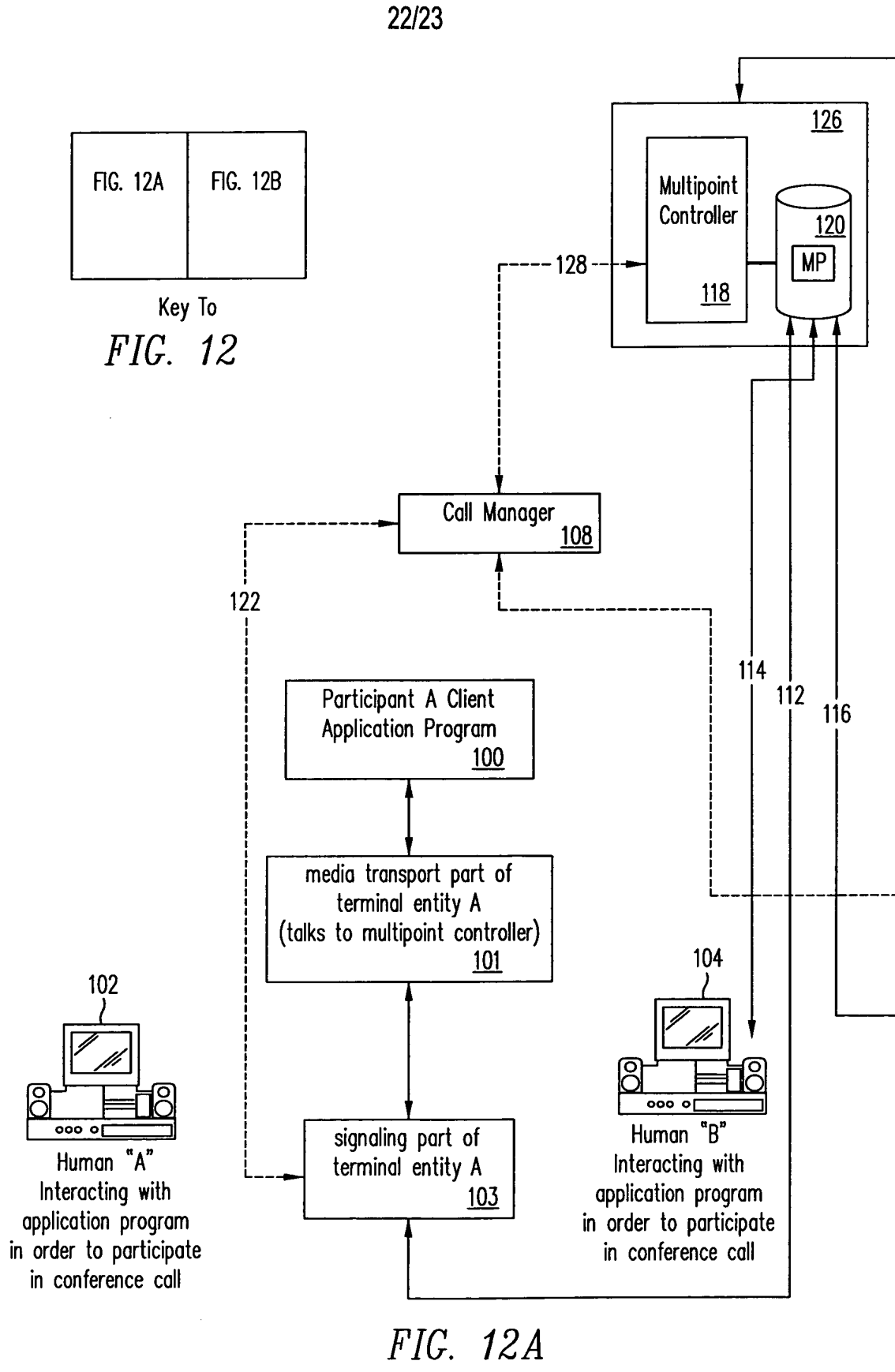


FIG. 11B

22/23



23/23

